

Title (en)  
PIGMENT PREPARATIONS BASED ON DIKETOPYRROLOPYRROLE PIGMENTS FOR THE UNDISTORTED PIGMENTATION OF PARTIALLY CRYSTALLINE PLASTICS

Title (de)  
PIGMENTZUBEREITUNGEN AUF BASIS VON DIKETOPYRROLOPYRROLPIGMENTEN ZUM VERZUGSFREIEN PIGMENTIEREN VON TEILKRISTALLINEN KUNSTSTOFFEN

Title (fr)  
PREPARATIONS PIGMENTAIRES A BASE DE PIGMENTS DE DICETOPYRROLOPYRROL, PERMETTANT LA PIGMENTATION SANS DEFORMATION DE MATIERES PLASTIQUES PARTIELLEMENT CRISTALLINES

Publication  
**EP 1529082 B1 20061004 (DE)**

Application  
**EP 03792169 A 20030702**

Priority  
• DE 10235573 A 20020803  
• EP 0307025 W 20030702

Abstract (en)  
[origin: DE10235573A1] Pigment formulation contains (a) 1,4-diketo-3,6-diphenylpyrrolo(3,4-c)pyrrole pigment(s) (V) as basic pigment and (b) pigment dispersant(s) comprising 1,4-diketo-3,6-d-phenylpyrrolo(3,4-c)pyrrole derivative(s) (I) with sulfonamide and optionally sulfo or with sulfonyl or sulfinyl substituent(s). Pigment formulation contains (a) 1,4-diketo-3,6-diphenylpyrrolo(3,4-c)pyrrole pigment(s) of formula (V) as basic pigment and (b) pigment dispersant(s) comprising 1,4-diketo-3,6-d-phenylpyrrolo(3,4-c)pyrrole derivative(s) of formula (I) with sulfamoyl and optionally sulfo or with sulfonyl or sulfinyl substituent(s); R20, R21, R22, R23 = H, halogen, 1-4 C alkyl, 1-4 C alkoxy, CN or phenyl; R31 = 0.1-4.0 sulfamoyl, sulfonyl or sulfinyl groups; R32 = 0-2 sulfo groups if R31 is sulfamoyl, otherwise H; Q = a group derived from a diketopyrrolopyrrole compound of formula (Ia) with 0-4 halogen, 1-4 C alkyl, 1-4 C alkoxy or CN substituent(s). The full definitions are given in the DEFINITIONS (Full Definitions) Field. An Independent claim is also included for preparation of the pigment formulation.

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